



IAP15 Rec'd PCT/PTO 16 AUG 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Volker Sauermann Examiner: Unknown  
Serial No.: 10/559,513 Group Art Unit: Unknown  
Filed: December 5, 2005 Docket: 2003P00256WOUS/0010-017001  
Title: METHOD AND COMPUTER SYSTEM FOR QUERY OPTIMIZATION

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the attached:

- ☒ Return postcard
- ☒ Form PTO-2038 with authorization to charge \$130.00 to credit card for large entity surcharge and \$1,400.00 to credit card for basic filing fee and additional claims fee (1 pg.)
- ☒ Communication Re: Missing Parts (1 pg.)
- ☒ Signed Combined Declaration and Power of Attorney (3 pgs.)
- ☒ Notification of Missing Requirements (2 pgs.)
- ☒ Preliminary Amendment (9 pgs.)

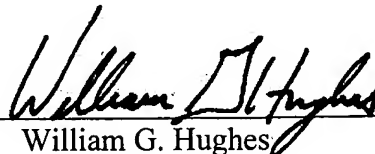
The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	28-20	8	x 50.00 =	\$400.00
INDEPENDENT CLAIMS	3-3	0	x 200.00 =	\$0.00
MULTIPLE DEPENDENT CLAIMS PRESENTED				\$0.00
BASIC FEE				\$300.00
SEARCH FEE				\$500.00
EXAMINATION FEE				\$200.00
APPLICATION SIZE FEE				\$0
TOTAL				\$1400.00

If not provided for in a separate paper filed herewith, please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 50-3521.

Customer Number 56056

By:



William G. Hughes

Reg. No. 46,112

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Attn: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 14 day of August, 2006

Laura Bray  
Name

Laura Bray  
Signature

08/21/2006 HKAYPAGH 00000063 10559513

01 FC:1632	500.00	DP
02 FC:1633	200.00	DP
03 FC:1615	400.00	DP
04 FC:1617	130.00	DP
05 FC:1206	300.00	DP

S/N 10/559,513

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Volker Sauermann	Examiner:	Unknown
Serial No.:	10/559,513	Group Art Unit:	Unknown
Filed:	December 5, 2005	Docket:	2003P00256WOUS/0010-017001
Title:	METHOD AND COMPUTER SYSTEM FOR QUERY OPTIMIZATION		

**COMMUNICATION RE: MISSING PARTS**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In response to the "Notification of Missing Requirements" (see enclosed copy), we submit the Combined Declaration and Power of Attorney. Applicants have included authorization to charge a credit card for the fee of \$130.00 to cover the large entity surcharge and \$1,400.00 to cover the large entity basic filing fee and additional claims fee (including \$400.00 for eight total claims in excess of twenty).

Applicant assumes the application is now in proper order and in condition for examination. Please direct any inquiries to the undersigned attorney at 703-286-5735. If necessary, please charge any additional fees or credit overpayment to Deposit Account 50-3521.

Respectfully submitted,

Brake Hughes PLC  
Customer Number 56056  
703-286-5735

Date: 8/14/06

By: William G. Hughes

William G. Hughes  
Reg. No. 46,112

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Attn: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 14 day of August, 2006

Laura Bray  
Name

Lan By  
Signature



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

MPTA

80168-053481

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/559,513	Volker Sauermann	2003P00256WOUS/0010-01700

INTERNATIONAL APPLICATION NO.
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PCT/EP04/50988

I.A. FILING DATE	PRIORITY DATE
06/02/2004	06/04/2003

56056  
BRAKE HUGHES PLC  
c/o PORTFOLIOIP  
P.O. BOX 52050  
MINNEAPOLIS, MN 55402

CONFIRMATION NO. 3848

371 FORMALITIES LETTER



\*OC000000019225008\*

Date Mailed: 06/13/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/05/2005
- Copy of the International Search Report filed on 12/05/2005
- Copy of references cited in ISR filed on 12/05/2005
- U.S. Basic National Fees filed on 12/05/2005
- Priority Documents filed on 12/05/2005

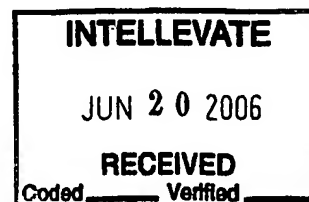
The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$1210** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$1940** for a Large Entity:



- **\$130 Surcharge.**
  - The application search fee has not been paid. Applicant must submit **\$400** to complete the search fee. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.
  - The application examination fee has not been paid. Applicant must submit **\$200** to complete the examination fee for a non-small entity. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.
- Total additional claim fee(s) for this application is **\$ 1210**
  - **\$850** for **17** total claims over 20.
  - **\$360** for multiple dependent claim surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/559,513	PCT/EP04/50988	2003P00256WOUS/0010-01700